

AVON, OH 44011  
TELEPHONE: (440) 937-7000

## MATERIAL SAFETY DATA SHEET

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LOCTITE ALUMINUM JELLY CORROSION REMOVER 8OZ  
01-80270

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LOCTITE ALUMINUM JELLY CORROSION REMOVER 8OZ  
Item No.: 01-80270  
Part No.: 01-80270  
Product Type: Rust remover

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Water	7732-18-5	75-80
PHOSPHORIC ACID	7664-38-2	10-30
Diethyleneglycol monoethyl ether*	111-90-0	1-5
ISOPROPYL ALCOHOL	67-63-0	1-5
Nonionic surfactant	9016-45-9	1-5
Polysaccharide	11138-66-2	1-5
SULFURIC ACID*	7664-93-9	0.1-1

\* This component is listed as a SARA Section 313 Toxic Chemical.

## Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
PHOSPHORIC ACID	1 mg/m3 TWA	1 mg/m3 TWA	1 mg/m3
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m3	400 ppm TWA 980 mg/m3	400 ppm TWA DuPont AEL
SULFURIC ACID	1 mg/m3 TWA	1 mg/m3 TWA	None

  

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
PHOSPHORIC ACID	3 mg/m3	3 mg/m3
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m3	500 ppm 1225 mg/m3
SULFURIC ACID	3 mg/m3	None

## 3. HAZARDS IDENTIFICATION

Toxicity: Skin, eye, and inhalation irritant.  
Toxic by ingestion.

Primary Routes of Entry: Inhalation, ingestion, Skin contact.

Signs and Symptoms  
of Exposure: May be injurious to eyes, skin, mucous membranes,  
and lungs.

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## 3. HAZARDS IDENTIFICATION

(continued)

## Existing Conditions

Aggravated by Exposure: Respiratory disorders, kidney damage.

Ingredients	Literature Referenced	Carcinogen		
	Target Organ and Other Health Effects	NTP	IARC	OSHA
Water	NTO	NO	NO	NO
PHOSPHORIC ACID	COR IRR	NO	NO	NO
Diethyleneglycol monoethyl ether	BLO CNS IRR KID	NO	NO	NO
ISOPROPYL ALCOHOL	ALG BLO CNS IRR KID	NO	N/A	NO
Nonionic surfactant	ALG IRR	NO	NO	NO
Polysaccharide	IRR	NO	NO	NO
SULFURIC ACID	COR IRR LUN	NO	NO	NO

## Abbreviations

N/A Not Applicable	ALG Allergen
BLO Blood	CNS Central nervous system
COR Corrosive	IRR Irritant
KID Kidney	LUN Lung
NTO No Target Organs	

## 4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.  
Obtain medical attention.

Inhalation: Remove to fresh air. Obtain medical attention.

Skin Contact: Flush thoroughly with large quantities of water.  
Obtain medical attention.

Eye Contact: Flush with water for at least 15 minutes. Obtain  
medical attention.

## 5. FIRE FIGHTING MEASURES

Flash Point: None Method: None

Recommended  
Extinguishing Agents: Carbon dioxide, foam, dry chemical

Special Firefighting  
Procedures: Not available

Hazardous Products formed  
by Fire or Thermal Decomp Oxides of phosphorous.

Unusual Fire or  
Explosion Hazards: Not flammable, but hydrogen gas may be liberated  
if product contacts powdered metals or metals  
above 185°F.

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## 5. FIRE FIGHTING MEASURES

(continued)

Explosive Limits:  
(% by volume in air) Lower Diethyleneglycol monoethyl ether: 1.2%  
(% by volume in air) Upper Diethyleneglycol monoethyl ether: 23.5%

## 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case  
of spill or leak: Maintain adequate ventilation. Neutralize with  
alkaline material such as soda ash or lime. Soak  
up with an inert material. Flush area with water.  
Store in closed container until disposal.

## 7. HANDLING AND STORAGE

Safe Storage: Keep from freezing.  
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)  
Handling: Avoid contact with skin and eyes. Avoid prolonged  
breathing of vapors.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Sufficient to maintain vapor concentration below  
TLV.  
Respiratory: NIOSH approved respirator if ventilation is  
inadequate.

See Section 2 for Exposure Limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale blue liquid  
Odor: Grape  
Boiling Point: Approximately 212°F.  
pH: 1.5-2.5  
Solubility in Water: Complete  
Specific Gravity: 1.05  
Volatile Organic Compound  
(EPA Method 24) Approximately 2.23%; 23.73 grams per liter  
Vapor Pressure: Low  
Vapor Density: Not available  
Evaporation Rate  
(Ether = 1) Not available

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## 10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Caustics and powdered metals.  
Conditions to Avoid: Not available  
Hazardous Decomposition  
Products (non-thermal): Hydrogen gas

## 11. TOXICOLOGICAL INFORMATION

See Section 3.

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Recommended methods of  
disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste  
Number D002 - Hazardous waste per 40CFR 261.22

## 14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Less than 5L)  
Corrosive Liquid, Acidic, Inorganic N.O.S (Phosphoric  
acid) (More than 5L)

Hazard Class or  
Division: ORM-D (Less than 5L)  
Class 8, PG III (More than 5L)

Identification Number: UN3264 (More than 5L)

Marine Pollutant: None

IATA

Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic N.O.S (Phosphoric  
acid) - Limited Quantity

Class or Division: Class 8, PG III

UN or ID Number: UN3264

## 15. REGULATORY INFORMATION

CA Proposition 65: No Prop65 chemicals are known to be present.

## 16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 3  
Fire Hazard: 0

Reactivity Hazard: 0  
Specific Hazard: Does not apply

HENKEL CONSUMER ADHESIVES

10/23/03

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16. OTHER INFORMATION

(continued)

Estimated HMIS(R) Code:

Health Hazard: 3\*  
Flammability Hazard: 0  
Reactivity Hazards: 0  
Personal Protection: See Section 8.

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Prepared by:

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